

F70A series

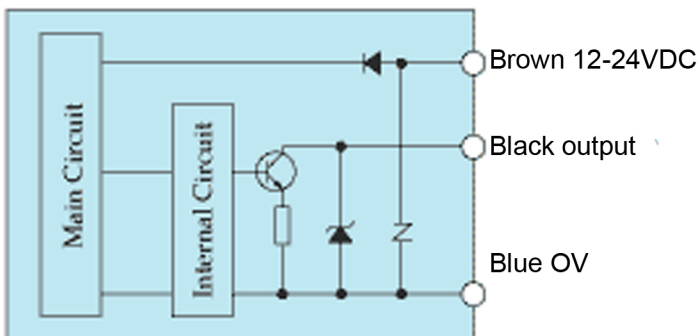
Fiber Optic Sensors

- The digital presentation of sensing information
- Function setting by an easy operation
- The stability level is displayed directly in a receiving optical level and the displacement display
- Display which sees easily in backlight addition LCD
- It equips it with an easy-to-use function

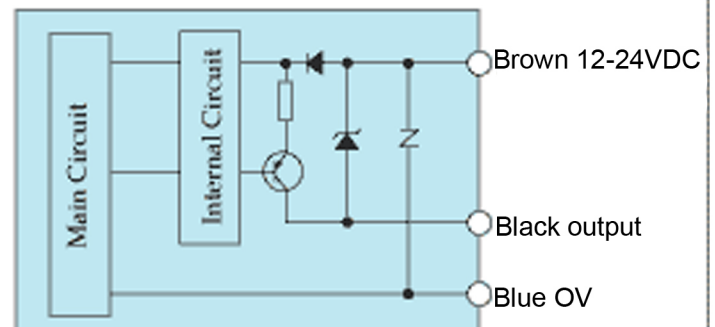


Output Circuit

-F70AR
-F70AG
-F70AB
-F70ARK
-F70AGK
-F70ABK



-F70ARPN
-F70AGPN
-F70ANPN
- F70ARKPN
-F70AGKN
-F70ABKPN



SPECIFICATIONS

Models		NPN	F70AR(K)	70AG(K)	F70AB(K)
		PNP	F70AR(K)PN	F70AG(K)PN	F70AB(K)PN
Detection		Through beam/Reflective(by fiber unit)			
Range		Depending on fiber unit			
Power supply		12 to 24VDC±10%, Ripple 10% Max.			
Current consumption		NPN type: 39mA, PNP type: 50mA			
Output mode	NPN	Open collector output, Rating : Sink current 100mA Max.			
	PNP	Open collector output, Rating : Source current 100mA Max.			
Operating mode		Light-on/Dark-on selectable			
Time delay		OFF delay 40ms fixed			
Response time		Frequency 1: 600μs(Max.) Frequency 2: 700μs(Max.)			
Light source		Red LED(680nm)	Green LED(565nm)	Blue LED(470nm)	
Indicators		Oprating: Orange LED, Stability: Green LED			
Display		LCD with back light			
Teaching system		Full auto teaching/Auto teaching			
Interference protection		Built-in			
Circuit protection		Short circuit protection built-in			
Materials		Polycarbonate			
Wiring		Flying lead 2m (*1) K-series: Exclusive connector			

*1 : M8 connector type is available. (-J)

DIMENSIONS

